

H1368

0055850

Eberline Services
W.O. No. R1-05-187-7001

Bechtel Hanford Inc.
SDG H1368

Case Narrative – Revised (7/18/01)

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1.0 GENERAL

Bechtel Hanford Inc. (BHI) Sample Delivery Group H1368 was composed of three solid (soil) samples designated under SAF No. B01-084 with a Project Designation of: Z-9 Trench Well Deepening and Characterization - Soil

The samples were received as stated on the Chain-of-Custody documents. Any discrepancies are noted on the Eberline Services Sample Receipt Checklist.

2.0 ANALYSIS NOTES

2.1 Total Strontium Analyses

No problems were encountered during the course of the analyses.

2.2 Isotopic Plutonium Analyses

No problems were encountered during the course of the analyses.

2.3 Plutonium-241 Analyses

All Isotopic Plutonium results were less than 1 pCi/gram. No Pu-241 analyses were performed as per SAF No. B01-084.

2.4 Americium-241 Analyses

Due to a low LCS recovery (32%) the LCS was reworked in chemistry. The results of the sample rework are reported herein. No other problems were encountered during the course of the analyses.

2.5 Neptunium-237 Analyses

All Am-241 results were less than 1 pCi/gram. No Np-237 analyses were performed as per SAF B01-084.

2.6 Gamma Spectroscopy Analyses

No problems were encountered during the course of the analyses.

Case Narrative Certification Statement

"I certify that this data package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data obtained in this hard copy data package has been authorized by the Laboratory Manager or a designee, as verified by the following signature."

Melissa Mannion
Melissa C. Mannion
Program Manager

7/18/01
Date

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